

Claims

1. A drive shaft (10) for a windshield wiper, to which shaft a crank (12) is fastened, characterized in that a base body (14) of the drive shaft (10) is made from an extruded light metal profile and on its free end, in the region of a fastening part, carries a connection part (16, 22) of a harder material, which has a screw thread (18).

2. The drive shaft (10) of claim 1, characterized in that the connection part (16, 22) is of steel, bronze or copper.

3. The drive shaft (10) of claim 1 or 2, characterized in that the connection part (16) has a conical seat (20) with fluting for the fastening part.

4. The drive shaft (10) of one of claims 1 or 2, characterized in that the connection part (22) has a polygonal slaving profile (24).

5. The drive shaft (10) of one of the foregoing claims, characterized in that the base body (14) has a conical protrusion (26), onto which the connection part (16) is placed and with which the connection part is joined by adhesive bonding, welding, press-fitting or assembly casting.

6. The drive shaft (10) of claim 5, characterized in that the connection part (16, 22) is cast with the base body (14) via an adapter piece (28).

5
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7. The drive shaft (10) of claim 5 or 6, characterized in that the connection part (16, 22) is seated on a longitudinally fluted conical protrusion (26) of the base body, or on a fluted cone (34) of the adapter piece (28).

8. The drive shaft (10) of one of the foregoing claims, characterized in that it has at least one longitudinal conduit (38, 40).

9. The drive shaft (10) of one of claims 6-8, characterized in that the connection part (16, 22) is embodied as a threaded sleeve, through which the adapter piece (28) having at least one longitudinal conduit (40) is guided.

10. The drive shaft (10) of one of the foregoing claims, characterized in that the base body (14) and the connection part (16, 22) or the crank (12) are chemically nickel-plated after being joined together.

11. The drive shaft (10) of one of the foregoing claims, characterized in that on the end toward the crank, the base body (14) has a region with fluting (46) in the longitudinal direction, over which fluting the crank (12), of a harder material, is cast to the base body (14) with a connecting layer (42) of zinc or the like.

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